IAP10 Rec'd PCT/PTO 16 DEC 2005

NATIONAL PHASE UTILITY APPLICATION

Transmittal to the (DO/EO/US) Under 35 USC 371 Attorney Docket No.: PRONOV.001BNP

First Named Inventor: Richard B. Williams Int'l Application No.: PCT/US2004/041380

Int'l Filing Date: December 10, 2004 Priority Date Claimed: December 12, 2003

Title: SYSTEM AND METHODS FOR NUCLEIC ACID AND

POLYPEPTIDE SELECTION
Express Mail Label No.: EV 718228702 US

Direct all correspondence to Customer No.: 20995

Date: December 16, 2005

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United States Patent and Trademark Office P.O. Box 1450 Alexandria VA 22313-1450

The following enclosures are transmitted herewith to be filed in the patent application of:

Inventor:

1. Richard B. Williams

APPLICATION ELEMENTS:

- (X) This is a FIRST submission of items concerning a filing under 35 U.S.C. § 371.
- (X) This is an Express Request to begin national examination procedures (35 U.S.C. § 371(f)).
- (X) A copy of the International Application as filed (35 U.S.C. § 371(c)(2)) is not required, as the application was filed in the U.S. Receiving Office.
- (X) International Application as published (WO2005/072087) is submitted herewith for the Examiner's convenience.
- (X) International Search Report and the Written Opinion from the U.S. International Searching Authority stating that the criteria defined in PCT Article 33(1) to (4) have been satisfied for all of the claims. Note that **Examiner Nancy T. Vogel** was the Authorized Officer of the ISR and WO.
- (X) Preliminary Amendment in 3 pages.
- (X) An Oath or Declaration signed by the inventor (35 U.S.C. § 371(c)(4)).

CONTINUITY INFORMATION:

Application	Relationship	Parent App. No.	Filing Date	Status
This Application	is the U.S. National Phase of International Application	PCT/US2004/041380	12/10/04	Pending
PCT/US2004/041380	claims priority to U.S. Provisional Application	60/625,707	11/05/04	Expired
PCT/US2004/041380	also claims priority to U.S. Provisional Application	60/529,331	12/12/03	Expired
This Application	is a continuation-in-part of U.S. Patent Application	10/847,087	05/17/04	Pending
This Application	is also a continuation-in-part of U.S. Patent Application	10/847,484	05/17/04	Pending
10/847,087	is a continuation-in-part of U.S. Patent Application	09/859,809	05/17/01	Issued
10/847,484	is a continuation-in-part of U.S. Patent Application	09/859,809	05/17/01	Issued
09/859,809	claims priority to U.S. Provisional Application	60/206,016	05/19/00	Expired

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OTHER APPLICATION PARTS:

- (X) The paper copy and the CRF of the Sequence Listing were filed in the international phase at the US Receiving Office, and therefore are <u>not</u> being submitted herewith. Pursuant to 37 C.F.R. 1.821(e), the CRF of the present application is identical with the CRF of the International Application PCT/US2004/041380 filed at the U.S. Receiving Office. Applicant hereby requests the use of the CRF sequence listing that is already on file for the International Application PCT/US2004/041380.
- (X) An Information Disclosure Statement and PTO/SB/08 equivalent listing references for consideration:
 - (X) Listing 31 references.
 - (X) Enclosing 13 references.
- (X) Return prepaid postcard.

FILING FEES:

The present application qualifies for Small Entity Status under 37 C.F.R. §1.27.

(X) The USPTO searches the ISA. In accordance with 37 C.F.R. §1.492(b)(1), the Written Opinion on the International Application prepared by the U.S. International Searching Authority states that the criteria of novelty, inventive step (non-obviousness), and industrial applicability, as defined in PCT Article 33(1) to (4) have been satisfied for all of the claims presented in the application. Thus, the Search Fee and the Examination Fee are not required.

FEE CALCULATION											
FEE TYPE & DETERMINATION			SMA	LL FEE	CALCULATION		TOTAL				
Basic Filing Fee under 1.492(a)			2631	(\$150)				\$150			
Search Fee under 1.492(b) (enter one in TOTAL column)											
(1) USPTO was ISA and claims are novel			2640	(\$0)							
(2) USPTO was the ISA				2641	(\$50)				\$0		
(3) Foreign Search Report Enclosed					2642	(\$200)					
(4) No Search Report Enclosed					2632	(\$250)					
Examination Fee under 1.492(c) (enter one in TOTAL column)											
(1) USPTO was IPEA & claims satisfy Art. 33 (1)-(4))				2643	(\$0)				\$0		
(2) Non US IPEA / Noncompliant Claims				2633	(\$100)						
Excess Claims	38 -	20 :	=	18	2615	(\$25)	18	х	25 =	\$450	
Excess Ind. Claims	19 -	3 :	=	16	2614	(\$100)	16	х	100 =	\$1,600	
Application Size Fee	161 -	100 :	=	61	2681	(\$125)	2	х	125 =	\$250	
TOTAL FEB						FEE DUE	\$2,450				

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(X) A check in the amount of \$2,450 to cover the Total Fee Due is enclosed.

The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment to Account No. 11-1410.

Salima A. Merani, J.D., Ph.D.

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CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Attorney Docket No.

PRONOV.001BNP

Applicant

Richard B. Williams

For

SYSTEM AND METHODS FOR NUCLEIC

ACID AND POLYPEPTIDE SELECTION

Attorney

Salima A. Merani, J.D., Ph.D.

"Express Mail" Label No. :

EV 718228702 US

Date of Deposit

December 16, 2005

I hereby certify that the accompanying

Transmittal letter; International Application as Published (WO2005/072087); Preliminary Amendment in 3 pages; Declaration by Inventor in 2 pages; Information Disclosure Statement, PTO Form PTO/SB/08 Equivalent with 31 references listed, 13 references enclosed; Check for Filing Fee; Return Prepaid Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Nelson Merida

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